



Firmware for NPort 5200A Series Release Notes

Version: v1.5	Build: Build 19032122
Release Date: Mar 29, 2019	

Applicable Products

NPort 5200A Series

Supported Operating Systems

N/A

New Features

- Supports HTTPS.
- Supports MXview auto-topology function.
- Supports MXconfig.
- Supports SNMPv2c.

Enhancements

- Accessible IP list can now be used to restrict all device services.
- Complies with Moxa Security Guidelines on the following: Account Authentication Management, Network Service Management, and Audit and Log Management.
- CVE-2017-14028: An attacker may be able to exhaust memory resources by sending a large amount of TCP SYN packets.
- CVE-2017-16715: An attacker may be able to exploit a flaw in the handling of Ethernet frame padding that may allow for information exposure.
- CVE-2017-16719: An attacker may be able to inject packets that could potentially disrupt the availability of the device.
- Remove unnecessary information displayed on the Web, Telnet, and Serial consoles during the login process.
- Remove the TTL limitation (1) on multicast packets.

Bugs Fixed

- Pair connection mode cannot resolve the domain name.

Changes

N/A

Notes

N/A



Version: v1.4	Build: Build 17030709
Release Date: Mar 15, 2017	

Applicable Products

NPort 5210A, NPort 5230A, NPort 5250A, NPort 5210A-T, NPort 5230A-T, NPort 5250A-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- The user's password and SNMP community name may be exposed by buffer overflow issue.

Changes

N/A

Notes

N/A



Version: v1.3	Build: Build 1610041
Release Date: N/A	

Applicable Products

NPort 5210A, NPort 5230A, NPort 5250A, NPort 5210A-T, NPort 5230A-T, NPort 5250A-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Enhance web login security and support 5 users login simultaneously.
- Extend HTTP's challenge ID length from 32 bits to 256 bits.
- Enable default password as "moxa".
- Increase CSRF protection mechanism.
- Increase XSS protection mechanism.
- IP of NPort Can be set to address ending with 0 or 255.
- Support "ARP probe" in RFC5227. NPort would response for ARP requests with sender IP address 0.0.0.0.

Bugs Fixed

- NPort can't send e-mail by using Google's SMTP server.
- In pair connection mode, master doesn't pull down RTS/DTR signal after TCP connection is broken.
- Command port sends lots of "D_ASPP_CMD_ALIVE" packets after running 50 days.
- Connect too many connection to HTTP server at the same time will block the new connection for a while.
- NPort may reboot or hang under severel buffer overflow attacks on Telnet, SSH, DSCI, SNMP,

Changes

N/A

Notes

N/A



Version: v1.2	Build: Build 15041515
Release Date: N/A	

Applicable Products

NPort 5210A, NPort 5230A, NPort 5250A, NPort 5210A-T, NPort 5230A-T, NPort 5250A-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Use model name instead of "NULL" for SNMP object "sysDescr".
- Support connecting to the server by domain name and server's IP would change dynamically.
- Support updating ARP table by gratuitous ARP.
- Support RFC2217 NOTIFY-LINESTATE for Transfer Shift Register Empty and Transfer Holding Register Empty.

Bugs Fixed

- If a GETNEXT command of SNMP is issued on an object that does not exist, it displays 'no such name error'.
- In DHCP renewing IP stage, if the IP was originally given by a relay agent, NPort should send DHCP Request to relay agent, not the DHCP server.
- In Real COM mode, when modem status of the NPort's serial port is changed frequently, NPort sometimes fail to notify the change to the driver.
- NPort under reverse telnet mode try to sub-negotiate the COM port control options without option negotiation first.
- In RFC2217 Mode, when the data from ethernet side have many FF characters, some data may be lost on serial side.
- Modified parsing data mechanism to fix import file fail.
- Customer is unable to see the baud rate by using Telnet console at "View settings".

Changes

N/A

Notes

N/A